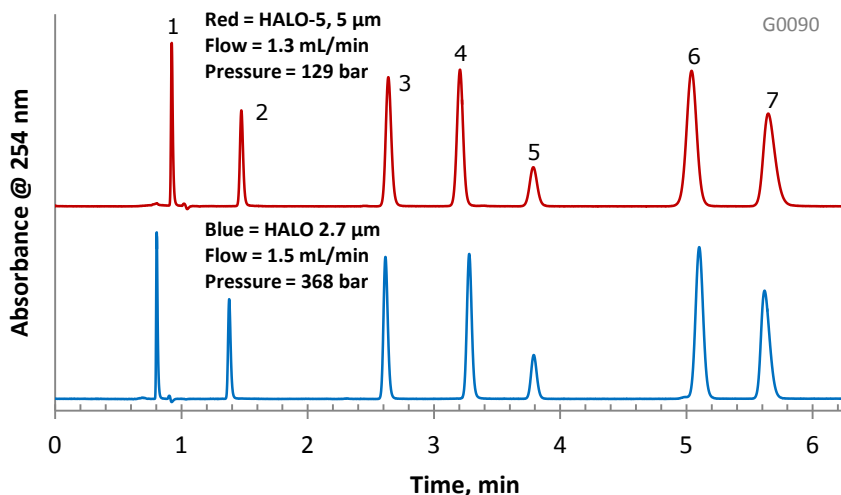


## Comparable Selectivity between HALO-5 and HALO 2.7 µm RP-Amide Phases



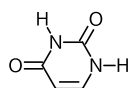
### PEAK IDENTITIES:

1. Uracil
2. p-Aminobenzoic acid
3. Acetylsalicylic acid
4. Dehydroacetic acid
5. Benzoic acid
6. Methyl paraben
7. 3-Fluorobenzoic acid

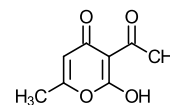
### TEST CONDITIONS:

Column 1: 4.6 x 150 mm, HALO 5 µm RP-Amide  
 Part Number: 95814-707  
 Column 2: 4.6 x 150 mm, HALO 2.7 µm RP-Amide  
 Part Number: 92814-707  
 Mobile Phase: 70/30: A/B  
 A = Water/0.1% formic acid  
 B = Acetonitrile  
 Flow Rate: See chart  
 Pressure: See chart  
 Temperature: 25 °C  
 Detection: UV 254 nm, VWD  
 Injection Volume: 5.0 µL  
 Sample Solvent: 50/50: Water/Acetonitrile  
 Response Time: 0.12 sec.  
 Flow Cell: 5 µL semi-micro  
 LC System: Agilent 1100

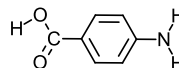
### STRUCTURES:



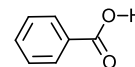
Uracil



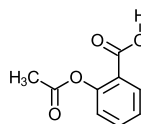
Dehydroacetic Acid



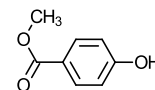
p-Aminobenzoic Acid



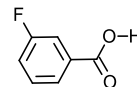
Benzoic Acid



Acetylsalicylic Acid



Methyl Paraben



3-Fluorobenzoic Acid

Similar selectivity is achieved between the 5 µm and 2.7 µm HALO RP-Amide particle sizes through a slight flow rate adjustment allowing easy method transfer.